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**REQUEST FOR ASI SERVICES IN SUPPORT OF
PERCHED WATER REMOVAL ACTIONS**

05/01/91

**DOE-1259-91
DOE-FSO/ASI
5
LETTER**

1470



Department of Energy

Fernald Site Office
P.O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6319

MAY 01 1991

DOE-1259-91

Mr. John D. Wood, Project Director
Advanced Sciences, Inc.
11003 Hamilton-Cleves Road
P. O. Box 475
Ross, OH 45061

Dear Mr. Wood:

REQUEST FOR ASI SERVICES IN SUPPORT OF PERCHED WATER REMOVAL ACTIONS

The purpose of this letter is to request that ASI perform the following services in support of Perched Water Removal Actions at the FMPC:

1. Provide shipping and analysis support consistent with the RI/FS Quality Assurance Project Plan and the enclosed Sampling and Analysis Plans for samples associated with Plants 6, 9, and 2/3 Perched Water Removal Action.
2. Install eight additional recovery wells as shown on the enclosed map and table.

The impacts of this work must be presented on the CCB for approval prior to implementation.

If your staff has any questions, please ask them to contact Andy Avel at 738-6161.

Sincerely,

Bobby Davis
Contracting Officer's
Representative

FS0:Avel

Enclosure: As stated

1

FERNALD'S MAIN PRIORITY IS CLEANUP

cc w/encl.:

T. E. Escue, WMCO
J. P. Hopper, WMCO
R. S. Shirley, WMCO
R. J. Skalka, WMCO
O. B. Adams, Parsons
S. H. Wolinsky, ASI
AR Files

ERA File

1470

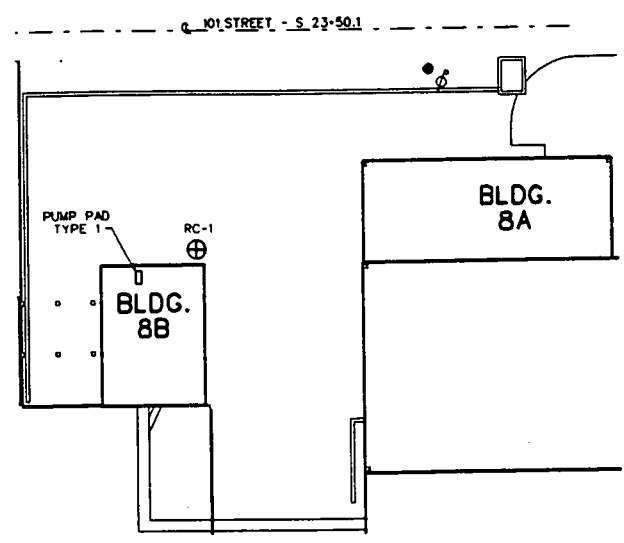
NOTES

1. THIS DRAWING PREPARED USING EXISTING CAD DRAWING NO. 75CG0017, 75CD0018 & 75CD0019
2. LOCATE THE PROPOSED NEW RECOVERY WELL & NEW PUMP PAD IN THE VICINITY OF LOCATIONS AS SHOWN. ACTUAL LOCATIONS TO BE FIELD DETERMINED AND DOCUMENTED ON AS BUILT DRAWINGS.
3. FOR TYPE OF PUMP FOUNDATION PAD REFER TO DWG. NO. 93X5900S00024

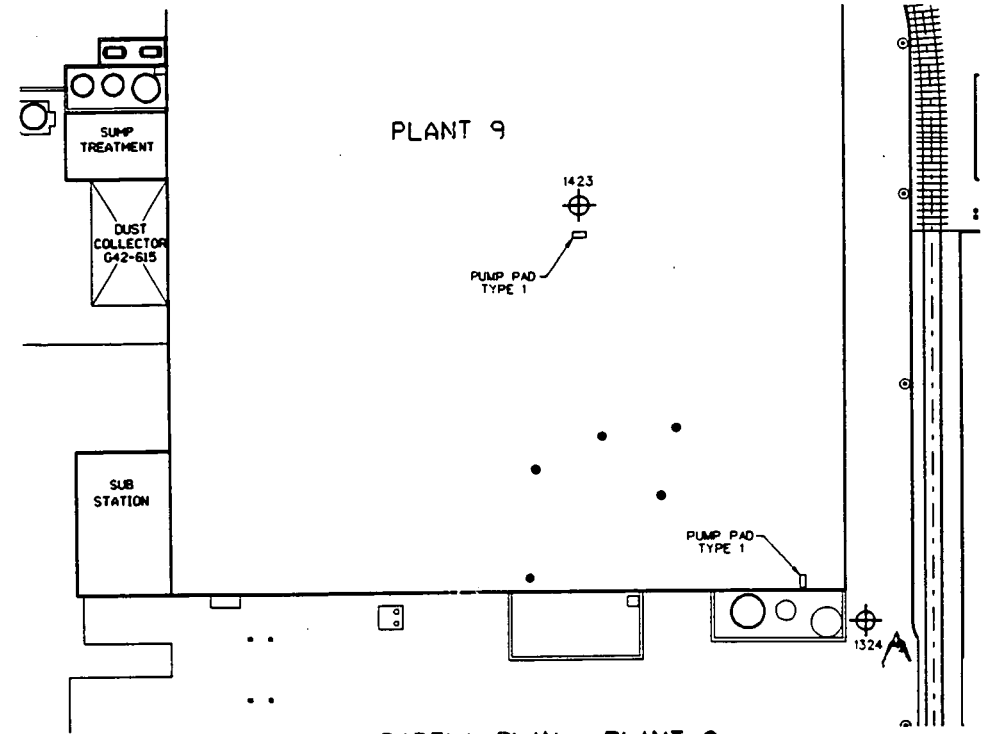
LEGEND

- POST INDICATOR VALVE (P.I.V.)
- ⊗ FIRE HYDRANT (F.H.)
- MANHOLE (MH)
- ⊙ CATCH BASIN (CB)
- ⊘ LIGHT POLE
- PIPE SUPPORT
- ⊙ ELECTRICAL MANHOLE
- ⊠ TELEPHONE MANHOLE
- STREET WASHERS
- ⊙ VALVE BOX
- ⊕ PROPOSED NEW RECOVERY WELL
- ⊕ WELL TO BE ~~REMOVED~~ **INSTALLED** AS RECOVERY WELL
- NEW PUMP PAD

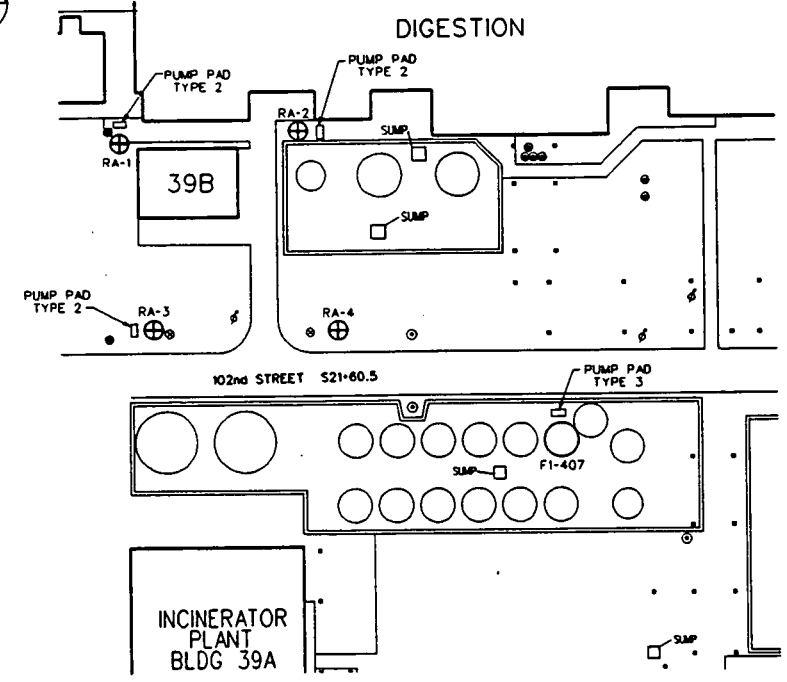
PRELIMINARY



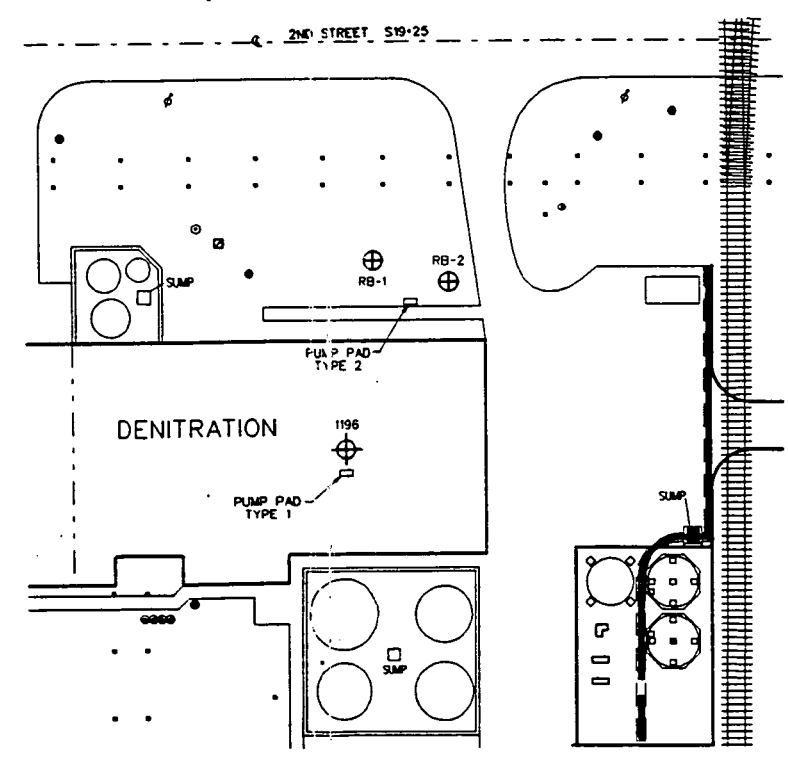
PARTIAL PLAN - PLANT 8



PARTIAL PLAN - PLANT 9



PARTIAL PLAN - PLANT 2/3



PARTIAL PLAN - PLANT 2/3

A				ISSUED FOR APPROVAL							
REV.	NO.	ISSUE OR REVISION PURPOSE - DESCRIPTION						DATE	INITIALS	DATE	DATE
UNITED STATES DEPARTMENT OF ENERGY FEED MATERIALS PRODUCTION CENTER											
THIS DRAWING PREPARED BY PARSONS THE RALPH M. PARSONS CO. - CHAS. T. MAN, INC. - ENGINEERING-SCIENCE, INC. CINCINNATI, OHIO											
PROJECT NAME FMPC ERA OJ3, PERCHED WATER REMOVAL ACTION											
DRAWING TITLE LOCATION OF WELLS AND PUMP PADS PLANTS 2/3, 8 & 9 EXTRACTION											
DESIGNED BY	DATE	DESIGNED CHECKED BY	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE	DESIGNED BY	DATE
D. THOMPSON	4/1/90										
PLANT/BLDG. NO.	FLOOR	SCALE	CLASS	PLANT/BLDG. NO.	FLOOR	SCALE	CLASS	PLANT/BLDG. NO.	FLOOR	SCALE	CLASS
PLANT 2/3, 8 & 9		1"=20'-0"		PLANT 2/3, 8 & 9		1"=20'-0"		PLANT 2/3, 8 & 9		1"=20'-0"	
SUBMITTED FOR APPROVAL				APPROVAL RECOMMENDED				DRAWING APPROVED			
DATE				DATE				DATE			
BY D.O.E. WBS 12.13.2.2.30 LATER 00-90701				OPERATING CONTRACTOR DATE				DATE			
93X5900G00023				G001				A			

TABLE 1
ADDITIONAL RECOVERY WELLS
TO BE INSTALLED BY ASI/IT

Well No.**	Diameter (in.)	Approx. Total Depth (ft.)	Screen* Depth (ft.)	Comments
RA-1	4	20	7-20	SS
RA-2	4	20	7-20	SS
RA-3	4	20	7-20	SS
RA-4	4	20	7-20	SS
RB-1	4 or 2	16	9-16	SS
RB-2	4 or 2	16	9-16	SS
RC-1	4	20	8-20	SS
1234A	4	10	2-10	SS

* Screen depths estimated from existing borings. Screens should be set over sand/silt zones found in field.

** Well locations are shown on the attached Drawing 93X5900G00023